



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/799,320B  
Source: IFWO  
Date Processed by STIC: 9/13/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

~~TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE~~ CHECKER  
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,  
Room 1B03, Arlington, VA 22202



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/799,320B

DATE: 09/13/2004

TIME: 10:09:34

Input Set : A:\2500us1p.ST25.txt

Output Set: N:\CRF4\09132004\J799320B.raw

3 <110> APPLICANT: SAIKAWA, Akira  
 4 IGARI, Yasutaka  
 5 YAMAMOTO, Yoshio  
 6 HATA, Yoshio  
 8 <120> TITLE OF INVENTION: Sustained-Release Composition, Methods of its Preparation  
 and Use  
 9 Thereof

11 <130> FILE REFERENCE: 2500 US1P  
 13 <140> CURRENT APPLICATION NUMBER: 10/799,320B  
 14 <141> CURRENT FILING DATE: 2004-03-12  
 16 <150> PRIOR APPLICATION NUMBER: US 09/582,926  
 17 <151> PRIOR FILING DATE: 2000-07-05  
 19 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00086  
 20 <151> PRIOR FILING DATE: 1999-01-13  
 22 <150> PRIOR APPLICATION NUMBER: JP 10-6412  
 23 <151> PRIOR FILING DATE: 1998-01-16  
 25 <160> NUMBER OF SEQ ID NOS: 5  
 27 <170> SOFTWARE: PatentIn version 3.2  
 29 <210> SEQ ID NO: 1  
 30 <211> LENGTH: 10  
 31 <212> TYPE: PRT  
 32 <213> ORGANISM: artificial sequence  
 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: LH-RH peptide derivative/analog  
 38 <220> FEATURE:  
 39 <221> NAME/KEY: MISC\_FEATURE  
 40 <222> LOCATION: (1)..(1)  
 41 <223> OTHER INFORMATION: 5-oxo-Pro carboxy terminal  
 43 <220> FEATURE:  
 44 <221> NAME/KEY: MISC\_FEATURE  
 45 <222> LOCATION: (6)..(6)  
 46 <223> OTHER INFORMATION: Y-DLeu, Dala, DTrp, DSer(tbut), D2Nal or DHis(ImBzl)  
 48 <220> FEATURE:  
 49 <221> NAME/KEY: MISC\_FEATURE  
 50 <222> LOCATION: (10)..(10)  
 51 <223> OTHER INFORMATION: Z-Gly-NH2 or NH-C2H5 amino terminal  
 53 <400> SEQUENCE: 1

W--&gt; 55 Pro His Trp Ser Tyr Xaa Leu Arg Pro Xaa

56 1 5 10

59 &lt;210&gt; SEQ ID NO: 2

60 &lt;211&gt; LENGTH: 11

61 &lt;212&gt; TYPE: PRT

62 &lt;213&gt; ORGANISM: Artificial Sequence

64 &lt;220&gt; FEATURE:

*FYI: Per 1.822 of sequence  
 Rules, "An amino acid  
 sequence shall be  
 presented in  
 the  
 Does Not Comply  
 Corrected Diskette Needed  
 amino  
 to  
 carboxy  
 direction,  
 from left  
 to right,  
 and the  
 amino and  
 carboxy groups  
 shall not be  
 presented in  
 the  
 sequence."*

*pg 1-2*

*Example*

*Xaa ← use "Xaa", not "Y"*

*FYI: Xaa can only represent a  
 single amino  
 acid*

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Input Set : A:\2500uslp.ST25.txt

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65 <223> OTHER INFORMATION: LH-RH antagonist derivative/analog  
 68 <220> FEATURE:  
 69 <221> NAME/KEY: MISC\_FEATURE  
 70 <222> LOCATION: (1)..(1) *Xaa*  
 71 <223> OTHER INFORMATION: *(X)*-N(4H2-furoyl)Gly or NAc  
 73 <220> FEATURE:  
 74 <221> NAME/KEY: MISC\_FEATURE  
 75 <222> LOCATION: (2)..(2)  
 76 <223> OTHER INFORMATION: D2Nal  
 78 <220> FEATURE:  
 79 <221> NAME/KEY: MISC\_FEATURE  
 80 <222> LOCATION: (3)..(3)  
 81 <223> OTHER INFORMATION: D4ClPhe  
 83 <220> FEATURE:  
 84 <221> NAME/KEY: MISC\_FEATURE  
 85 <222> LOCATION: (4)..(4)  
 86 <223> OTHER INFORMATION: D3Pal  
 88 <220> FEATURE:  
 89 <221> NAME/KEY: MISC\_FEATURE  
 90 <222> LOCATION: (6)..(6) *Xaa*  
 91 <223> OTHER INFORMATION: *(A)*-NMeTyr, Tyr, Aph(Atz) and NMeAph(Atz)  
 93 <220> FEATURE:  
 94 <221> NAME/KEY: MISC\_FEATURE  
 95 <222> LOCATION: (7)..(7) *Xaa*  
 96 <223> OTHER INFORMATION: *(B)*-DLys(Nic), DCit, DLys(AzaglyNic), DLys(AzaglyFur), DhArg  
 (Et2), Daph(Atz), DhCi. *Please ensure Xaa represents a single amino acid.*  
 99 <220> FEATURE:  
 100 <221> NAME/KEY: MISC\_FEATURE  
 101 <222> LOCATION: (9)..(9) *Xaa*  
 102 <223> OTHER INFORMATION: *(C)*-Lys(Nisp), Arg, hArg(Et2).  
 104 <220> FEATURE:  
 105 <221> NAME/KEY: MISC\_FEATURE  
 106 <222> LOCATION: (11)..(11)  
 107 <223> OTHER INFORMATION: DALaNH2  
 109 <400> SEQUENCE: 2  
 W--> 111 Xaa Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa  
 112 1 5 10  
 115 <210> SEQ ID NO: 3  
 116 <211> LENGTH: 8  
 117 <212> TYPE: PRT  
 118 <213> ORGANISM: Artificial Sequence  
 120 <220> FEATURE:  
 121 <223> OTHER INFORMATION: LH-RH peptide derivative/analog  
 124 <220> FEATURE:  
 125 <221> NAME/KEY: MISC\_FEATURE  
 126 <222> LOCATION: (1)..(1)  
 127 <223> OTHER INFORMATION: 5-oxo-Pro carboxy terminal  
 129 <220> FEATURE:  
 130 <221> NAME/KEY: MISC\_FEATURE

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Input Set : A:\2500us1p.ST25.txt

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131 <222> LOCATION: (6)..(6)  
 132 <223> OTHER INFORMATION: DLeu  
 134 <220> FEATURE:  
 135 <221> NAME/KEY: MISC\_FEATURE  
 136 <222> LOCATION: (8)..(8)  
 137 <223> OTHER INFORMATION: Pro-NH-C2H5 amino terminal  
 139 <400> SEQUENCE: 3

W--&gt; 141 Pro His Trp Ser Tyr Xaa Arg Pro

142 1 5  
 145 <210> SEQ ID NO: 4  
 146 <211> LENGTH: 11  
 147 <212> TYPE: PRT  
 148 <213> ORGANISM: Artificial Sequence  
 150 <220> FEATURE:  
 151 <223> OTHER INFORMATION: LH-RH peptide derivative/analog  
 154 <220> FEATURE:  
 155 <221> NAME/KEY: MISC\_FEATURE  
 156 <222> LOCATION: (1)..(1)  
 157 <223> OTHER INFORMATION: N-(S)-tetrahydrofur-2-oyl-Gly  
 159 <220> FEATURE:  
 160 <221> NAME/KEY: MISC\_FEATURE  
 161 <222> LOCATION: (2)..(2)  
 162 <223> OTHER INFORMATION: D2Nal  
 164 <220> FEATURE:  
 165 <221> NAME/KEY: MISC\_FEATURE  
 166 <222> LOCATION: (3)..(3)  
 167 <223> OTHER INFORMATION: D4ClPhe  
 169 <220> FEATURE:  
 170 <221> NAME/KEY: MISC\_FEATURE  
 171 <222> LOCATION: (4)..(4)  
 172 <223> OTHER INFORMATION: D3Pal  
 174 <220> FEATURE:  
 175 <221> NAME/KEY: MISC\_FEATURE  
 176 <222> LOCATION: (6)..(6)  
 177 <223> OTHER INFORMATION: NMeTyr  
 179 <220> FEATURE:  
 180 <221> NAME/KEY: MISC\_FEATURE  
 181 <222> LOCATION: (7)..(7)  
 182 <223> OTHER INFORMATION: DLys(Nic)  
 184 <220> FEATURE:  
 185 <221> NAME/KEY: MISC\_FEATURE  
 186 <222> LOCATION: (9)..(9)  
 187 <223> OTHER INFORMATION: Lys(Nisp)  
 189 <220> FEATURE:  
 190 <221> NAME/KEY: MISC\_FEATURE  
 191 <222> LOCATION: (11)..(11)  
 192 <223> OTHER INFORMATION: DAlaNH2  
 194 <400> SEQUENCE: 4

W--&gt; 196 Gly Xaa Xaa Xaa Ser Xaa Xaa Leu Xaa Pro Xaa

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Input Set : A:\2500uslp.ST25.txt

Output Set: N:\CRF4\09132004\J799320B.raw

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197 1          5          10
200 <210> SEQ ID NO: 5
201 <211> LENGTH: 9
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: LH-RH peptide derivative/analog
209 <220> FEATURE:
210 <221> NAME/KEY: MISC_FEATURE
211 <222> LOCATION: (1)..(1)
212 <223> OTHER INFORMATION: 5-oxo-Pro carboxy terminal
214 <220> FEATURE:
215 <221> NAME/KEY: MISC_FEATURE
216 <222> LOCATION: (6)..(6)
217 <223> OTHER INFORMATION: DLeu
219 <220> FEATURE:
220 <221> NAME/KEY: MISC_FEATURE
221 <222> LOCATION: (9)..(9)
222 <223> OTHER INFORMATION: Pro-NH-C2H5 amino terminal
224 <400> SEQUENCE: 5
W--> 226 Pro His Trp Ser Tyr Xaa Leu Arg Pro
227 1          5
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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/799,320B

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TIME: 10:09:35

Input Set : A:\2500uslp.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6, 10  
Seq#:2; Xaa Pos. 1, 2, 3, 4, 6, 7, 9, 11  
Seq#:3; Xaa Pos. 6  
Seq#:4; Xaa Pos. 2, 3, 4, 6, 7, 9, 11  
Seq#:5; Xaa Pos. 6

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/799,320B

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Input Set : A:\2500us1p.ST25.txt

Output Set: N:\CRF4\09132004\J799320B.raw

L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0